



NPS INTERNATIONAL, MYSORE
ACADEMIC YEAR - 2017-18
PORTIONS FOR CLASS XII
PREPARATORY EXAM (Optional)

Class	Subject
CLASS XII	<p>English: Flamingo - Ln 1: The Last Lesson, Ln 2: Lost Spring, Ln 3: Deep Water, Ln 4: The Rattrap, Ln 5: Indigo, Ln 8: Going Places. Poetry - 1: My Mother at Sixty Six, 2: An Elementary School Classroom in a Slum, 3: Keeping Quiet, 4: A Thing of Beauty, 6: Aunt Jennifer's Tigers Vistas - Ln 2: The Tiger King, Ln 4: The Enemy, Ln 5- Should Wizard hit Mommy, Ln 6: On the Face of It, Ln 7: Evans Tries an O-Level, Ln 8: Memories of Childhood Novel- Chapters 1 to 21 and Conclusion Writing Tasks - Notice, Advertisement (display / classified), Poster, Invitations (formal / informal) and Replies, Formal Letters, Article, Debate, Speech, Report (magazine and newspaper) Reading - Unseen passages for comprehension, Notemaking</p>
	<p>Physics: Part1: Ch1: Electric Charges And Fields, Ch2: Electrostatic Potential And Capacitance, Ch3: Current Electricity, Ch4: Moving Charges And Magnetism, Ch5: Magnetism and Matter, Ch6: Electromagnetic Induction, Ch7: Alternating Current, Ch8: Electromagnetic Waves Part2: Ch9: Ray Optics And Optical Instruments, Ch10: Wave Optics, Ch11: Dual Nature Of Radiation And Matter, Ch12: Atoms, Ch 13: Nuclei, Ch14: Semiconductor Electronics, Ch15: Communication Systems.</p>



Class	Subject
CLASS XII	<p>Chemistry: Part -I Solid States, Electrochemistry, Surface Chemistry, Chemical Kinetics, General Principles of Isolation elements and Metallurgy, P Block elements, D and F block elements, Coordination chemistry.</p> <p>Part -2 Haloalkanes and Haloarenes, Alcohol Phenol and ether, Aldehydes, Ketones and Carboxylic acids, Amines, Bio molecules, Polymers, Chemistry in every day life.</p>
	<p>Math: Relations and Functions, Algebra, Calculus, Vectors and Three - Dimensional Geometry, Linear Programming, Probability</p>
	<p>Entrepreneurship: Unit 1 - Entrepreneurial Opportunity, Unit 2- Enterprise Planning, Unit 3- Enterprise Marketing, Unit 4- Enterprise Growth Strategies, Unit 5- Business Arithmetic, Unit 6- Resource Mobilization.</p>
	<p>Biology: UNIT-1: REPRODUCTION IN ORGANISMS UNIT-2: GENETICS AND EVOLUTION UNIT -3 BIOLOGY AND HUMAN WELFARE UNIT - 4 BIOTECHNOLOGY: PRICIPLES AND PROCESSES UNIT - 5 ECOLOGY AND ENVIRONMENT Refer Text book, Supplementary material and question Banks</p>
	<p>Computer Science: Object Oriented Programming in C++, Data Structure, Database Management System and SQL, Boolean Algebra, Communication Technologies</p>
	<p>Accountancy: Part A - Accounting for Partnership Firms & Companies - Unit 1 Accounting for Partnership Firms; Unit 2 Accounting for Companies Part B - Financial Statement Analysis - Unit 3 Analysis of Financial Statements; Unit 4 Cash Flow Statement</p>



Class	Subject
CLASS XII	<u>Economics: Part A - Introductory Micro Economics</u> - Unit 1 Introduction; Unit 2 Consumer Equilibrium & Demand; Unit 3 Producers Behaviour & Supply; Unit 4 Forms of Market and Price Determination under Perfect Competition <u>Part B - Introductory Macro Economics</u> - Unit 5 National Income & Related Aggregates; Unit 6 Money & Banking; Unit 7 Determination of Income and Employment; Unit 8 Government Budget & the Economy; Unit 9 Balance of Payment
	<u>Business Studies:</u> Ls 1-Nature and Significance of management Ls2 - Principles of Management Ls3- Management and Business Environment 4- Planning Ls-5 Organising Ls-6 Staffing Ls 7-Directing Ls 8- Controlling Ls 9- Financial Management Ls-10 Financial Market Ls 11-Marketing Management Ls 12 - Consumer Protection